TENNESSEE DEPARTMENT OF TRANSPORTATION EROSION PREVENTION/SEDIMENT CONTROL INSPECTION REPORT

TDOT EPSC INSPECTION FORM Rev. Feb 2010

Reason For Inspection:

1st Weekly

2nd Weekly

DATE: 9.26.11

State Route (SR) / US Route or Road Name and Description:				Are corrective actions	s required by this inspe	ction report (Y/N):	
	Wolf River Blve	1.			YES		
County(ies):	TDOT PIN:	NPDES Permit (NOC)	#:	Number of New	Number of Recurring	Number of New	Number of Un-Corrected
Shelby	101615	TNR153299	9	Corrective Actions:	Corrective Actions:	Sediment Releases:	Sediment Releases:
TDOT Construction No.: 7994-1535-54	TDOT Contract No.:	Contractor: Acuff Enterprise:	Contractor: Acuff Enterprises Inc.		/0		
prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated information presented. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I cerify that inspections of storm water discharge points (outfalls) and of erosion and sediment controls have been performed as recorded in the table above. I certify that erosion and sediment controls in the drainage area of the			Contracto	Gerald "Jerry" or EPSC Inspector and Tom Acu	Title (print or type);	Signature:	Harp
identified outfall where installed as planned and designed in working order as recorded in the table above. I am aware that there are significant penalties for submitting false information, including the possibility of fine and impresonment for knowing violations.				SC Project Manager ype): Timothy Bio	erdz	Signature.	3/
		tion Weekly Rainfall Da	ta Log	D.:(-11 D.:.(-11	I ITDOT/Co	unkaster Agrees with 1	panetian Paneri
Predicted Rainfall Rainfall Rainfall				Rainfall Rainfall	1 1 1001/00	ontractor Agrees with I	nspection report.

		Predicted	Rainfall	Rainfall	Rainfall	Rainfall	Rainfall	Rainfall		TDOT/Contractor Agrees with Inspection Report:
Date	Day of Week	Precipitation	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Gauge 5	Gauge 6	Duration	NO or (YES)
		(%)	(in)	(in)	(in)	(in)	(in)	(in)	(hr)	If No, explain and initial:
	Sunday				N/A	N/A	N/A	N/A		
9.26.11	Monday	10	1.10	0.90	N/A	N/A	N/A	N/A	1-4R	
9.27.11	Tuesday	0			N/A	N/A	N/A	N/A		FOR EXPLANATIONS
7 29.11	Wednesday	10			N/A	N/A	N/A	N/A		FOR EXPLANATIONS
9.28.11 9.29.11 9.30.11	Thursday	0			N/A	N/A	N/A	N/A		•
9.30-11	Friday	0			N/A	N/A	N/A	N/A		
9.24.11	Saturday	10			N/A	N/A	N/A	N/A		
9.25.11	Sunday	10			N/A	N/A	N/A	N/A		
4	Monday				N/A	N/A	N/A	N/A		
	1	***************************************								(Additional pages may be attached, if needed)

Predicted Precipitation Source:

www.weather.com

Page 1 of 8

itt. - rd-dress und watallation of socks schodulled for wid Scheeluled for Wed. (Kij Rap) Waiting on approved Will be in conflict with Lyphap installation IF. R. whiting on by proved seed met Sta 15+60 Kt. corrections have been watch. H. corrections him been made Waiting on approbed seed max Waitings on apparated sold mix Sta 23+00-26+00. SFB schodulad for Wed. Waiting on approved seed mix contections braing mede LF - SFB schedulad for Wed. SFB scheduled for Wed mule In schoduled for Wed Sta 27+50 R. Schooluled for Wed Waiting equipment. Schooled for Weat. EXPLAINA TIONS Sead mux Sta . 25tect 5/04 21+33-1/24cd Sta jostu STQ 3H40

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State/US	Route of	Road	Nama	
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Wolf River Blvd.

TDOT Construction No.:

79954-3537-54

TDOT Contract No.:

CONDITION CODES

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Outfall Name or Station No.	Rain Gage No.	Approx. Station No. From / To	LT, RT or Centerline	Date Last Disturbed	Date of Stabilization and Code T = Temp. P = Perm.	Existing EPSC Control Measure Codes*	Current Condition Codes*	Corrective Action(s) or Comments
1	1	14+14	LT	9/26/2011		22,35	FM	Bi-weekly cleaning will be required, until further notice. Stabilization performance in progress.
1A	1	21+50	RT	9/26/2011		41	FM	Corrections made. Active construction zone.
1B	1	22+00	RT	9/26/2011		41	FM	Corrections made. Active construction zone.
1C	1	21+00	LT	9/22/2011		10,12,35,41	FM	Currently Stable, Monitoring BMP's.
2A	1	33+50	LT,CL	9/26/2011		16,24	FM	Stabilization is required on bridge abutment 1, suggest using mulch. See Photo
2B	1	35+50	LT	9/26/2011		16,24	FM	Sediment removal required on top of temporary stream crossing. See Photo
3	1	34+50	LT					The area has not been disturbed.
4	1	40+00 N.E. side, top of Ditch Bank	RT	9/26/2011		16,33,43	1	Temporary stabilization is required, re-grade, re-dress slopes and use approved temp. hydro-seed south slope. Rip-rap stabilization required on north slope. See Photo
5A	1	49+00	RT	9/22/2011		16	FM	Active clearing zone.
5B	1	50+00	RT	9/22/2011		16	FM	Active clearing zone.

EROSION AND SEDIMENT CONTROL MEASURE CODES

Temporary Silt Fence / Filter Barrier Temporary seeding with Mulch Excess Dirt Removed from Rdwy. Daily Maintenance 2 Temporary Diversion Berm or Ditch Temporary Mulch Haul Roads Dampened for Dust Control U Upgrade Needed (Failure Noted) 3 Temporary Slope Drain 17 Erosion Control Blanket 31 Ditch Liner R Replacement Needed Rock Check Dams Flexible Channel Liner Rock Silt Screen FM Future Maintenance 5 Brush Barrier 19 Catch Basin / Storm Inlet Protection Temporary Silt Fence with Backing Cleaning Needed 6 Sediment Removal 20 Riprap Outlet Structure Enhanced Silt Fence Increase Measures 7 Straw Bale Check Riprap Energy / Velocity Dissipater 21 Sediment Tube W Too Wet to Work Conditions 8 Sand Bags Curb, Gutter, or Storm Sewer Protection 36 Sediment Dam RO Repeat Occurrence 9 Sediment Trap / Basin Temporary at Construction Exit / Entrance 37 Concrete Washout, other pollution Issues Sediment Release SR 10 Temp Sediment Filter Bag / Dewatering 24 Temporary Stream Crossing 38 Berm (soil, riprap, rock) Final Stabilized Polyethylene Sheeting Turbidity Barrier / Silt Boom 11 25 39 Gabion S Stable (No Action Needed) 12 Machined Rip Rap Sheet Pilling 26 Temporary Stream Diversion Other (O31): 13 Geotextile 27 Preserve Natural Resource / Buffer Zone 41 Haul Road Other (O#2): Permanent Seeding with Mulch or Sod Mineral Aggregate Base on Subgrade 42 **Bridge Construction** Other (O#3):

Stream Realignment

State/US	Route or	Road	Nar

Wolf River Blvd

TDOT Construction No.:

79954-3537-54

TDOT Contract No.:

Date	9/26/2011	
	0,20,2011	

Outfall Name or Station No.	Rain Gage No.	Approx. Station No. From / To	LT, RT or Centerline	Date Last Disturbed	Date of Stabilization and Code T = Temp. P = Perm.	Existing EPSC Control Measure Codes*	Current Condition Codes*	Corrective Action(s) or Comments
5C	1	44+00	LT	9/12/2011		16,24	FM	Monitoring BMP's.
6	1	56+00	LT	9/22/2011		16	FM	Active clearing zone.
7	1	60+00	RT	9/22/2011		16	FM	Active clearing zone.
8A	1	73+00	RT	9/22/2011		16,24,42	FM	Temp. stream crossing will need cleaning. See Photo
8B	2	75+50	RT	9/22/2011		16,24,35,41	S	Currently Stable, Monitoring BMP's.
8C	1	71+00	LT	9/22/2011		42	FM	Additional mulch required. See Photo
8D	2	75+50	LT	9/22/2011		16,35,42	I, RO	Additional mulch is required to stabilize bank. See photo
8E	1	71+50	LT				1000	The area has not been disturbed.
9A	2	80+00	RT	9/22/2011		16,33,35	I,RO	Vertical slopes require temp. stabilization & around headwall and SFB.
9B	2	80+00	LT	8/1/2011	T = 8-2-11	16,17,35	FM	Hydro - seed as required.

EROSION AND SEDIMENT CONTROL MEASURE CODES

Temporary Silt Fence / Filter Barrier 20 Excess Dirt Removed from Dalus, Daily Temporary Seeding with Mulch 1 2 Temporary Diversion Berm or Ditch Temporary Mulch 3 Temporary Slope Drain 17 **Erosion Control Blanket** Rock Check Dams 18 Flexible Channel Liner 5 Brush Barrier 19 Catch Basin / Storm Inlet Protection 6 Sediment Removal 20 Riprap Outlet Structure 7 Straw Bale Check 21 Riprap Energy / Velocity Dissipater 8 Sand Bags 22 Curb, Gutter, or Storm Sewer Protection 9 Sediment Trap / Basin 23 Temporary at Construction Exit / Entrance 10 Temp Sediment Filter Bag / Dewatering 24 Temporary Stream Crossing Polyethylene Sheeting 11 25 Turbidity Barrier / Silt Boom 12 Machined Rip Rap 26 Temporary Stream Diversion 13 Geotextile 27 Preserve Natural Resource / Buffer Zone Permanent Seeding with Mulch or Sod 28 Mineral Aggregate Base on Subgrade

CONDITION CODES

29	excess Diff Removed from Rawy, Daily	M	Maintenance
30	Haul Roads Dampened for Dust Control	U	Upgrade Needed (Failure Noted)
31	Ditch Liner	R	Replacement Needed
32	Rock Silt Screen	FM	Future Maintenance
33	Temporary Silt Fence with Backing	С	Cleaning Needed
34	Enhanced Silt Fence	1	Increase Measures
35	Sediment Tube	W	Too Wet to Work Conditions
36	Sediment Dam	RO	Repeat Occurrence
37	Concrete Washout, other pollution Issues	SR	Sediment Release
38	Berm (soil, riprap, rock)	FS	Final Stabilized
39	Gabion	S	Stable (No Action Needed)
40	Sheet Pilling	Other (O31):	
41	Haul Road	Other (O#2):	
42	Bridge Construction	Other (O#3):	

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State/US Route or Road Name:

Wolf River Blvd.

TDOT Construction No.:

79954-3537-54

TDOT Contract No.:

Date 9/26/2011

Outfall Name or Station No.	Rain Gage No.	Approx. Station No. From / To	LT, RT or Centerline	Date Last Disturbed	Date of Stabilization and Code T = Temp. P = Perm.	Existing EPSC Control Measure Codes*	Current Condition Codes*	Corrective Action(s) or Comments
9C	2	79+50	LT	8/1/2011		16,20	FM	Re-do hydro-seed, 1st application did not take.
10A	2	85+00	RT	9/22/2011		16,35,41	FM	Currently active construction site. Sand bag upstream, remove daily during construction.
10B	2	85+00	RT	9/22/2011		16,35,41	FM	Currently active construction site.
10C	2	85+50	LT	9/22/2011		16,35,41	FM	Prep for proposed headwall wings. Remove floatables.
10D	2	84+50	LT	9/22/2011		16,35,41	FM	Prep for proposed headwall wings. Remove floatables.
11A	2	92+50	RT	9/22/2011		35,41	FM	Currently active construction site. Sand bag upstream, remove daily during construction.
11B	2	92+50	LT	9/22/2011		32,35,41	FM	Monitoring BMP's. Remove floatables.
11C	2	92+00	LT	9/22/2011		32,35,41	FM	Monitoring BMP's. Remove floatables.
	1	11+28	LT	9/22/2011		19,35	FM	Daily cleaning is required, until further notice.
	1	13+40	RT	9/26/2011		23,29,30	FM	Daily cleaning will be required, until further notice.
	1	107+75 FROSIO	CL N AND SEDIME	9/26/2011 NT CONTROL M	EASURE CODES	23,29,30	FM	Daily cleaning will be required, until further notice. CONDITION CODES

EROSION AND SEDIMENT CONTROL MEASURE CODES Temporary Silt Fence / Filter Barrier Temporary Seeding with Mulch 29 Temporary Diversion Berm or Ditch

Temporary Slope Drain

4 Rock Check Dams

5 Brush Barrier

2

3

6 Sediment Removal

7 Straw Bale Check

8 Sand Bags

9 Sediment Trap / Basin

10 Temp Sediment Filter Bag / Dewatering

Polyethylene Sheeting 11

Machined Rip Rap 12

13 Geotextile

14 Permanent Seeding with Mulch or Sod Temporary Mulch **Erosion Control Blanket**

18 Flexible Channel Liner

19 Catch Basin / Storm Inlet Protection

20 Riprap Outlet Structure

21 Riprap Energy / Velocity Dissipater

22 Curb, Gutter, or Storm Sewer Protection

23 Temporary at Construction Exit / Entrance

24 Temporary Stream Crossing

25 Turbidity Barrier / Silt Boom

26 Temporary Stream Diversion 27 Preserve Natural Resource / Buffer Zone

Mineral Aggregate Base on Subgrade

Excess Dirt Removed from Rdwy, Daily 30 Haul Roads Dampened for Dust Control

31 Ditch Liner 32 Rock Silt Screen

33 Temporary Silt Fence with Backing

Enhanced Silt Fence 34 35 Sediment Tube

36 Sediment Dam

37 Concrete Washout, other pollution Issues 38 Berm (soil, riprap, rock)

39 Gabion

Sheet Pilling Haul Road 41 Bridge Construction

40

Upgrade Needed (Failure Noted) Replacement Needed FM Future Maintenance С Cleaning Needed Increase Measures W Too Wet to Work Conditions RO Repeat Occurrence SR Sediment Release

Maintenance

FS Final Stabilized S Stable (No Action Needed)

Other	(031)
Other	(O#2):

Other (O#3):

State/US Route or Road Na	me
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Wolf River Blvd.

TDOT Construction No.:

79954-3537-54

TDOT Contract No.:

CONDITION CODES

Date	9/26/2011	

Outfall Name or Station No. *(Existing Structure)	Rain Gage No.	Approx. Station No. From / To	LT, RT or Centerline	Date Last Disturbed	Date of Stabilization and Code T = Temp. P = Perm.	Existing EPSC Control Measure Codes*	Current Condition Codes*	Corrective Action(s) or Comments
* 109+51	2	East side of WRB	RT	9/22/2011		19,22	FM	Daily cleaning will be required, until further notice.
* 109+11	2	South side of Farmington	RT	9/22/2011		19,22	FM	Daily cleaning will be required, until further notice.
* 12+80	1	North side of WRB	LT	9/22/2011		19,22	FM	Daily cleaning will be required, until further notice.
	1	Walking Trail 36+00	LT	7/20/2011		5,35	S	Currently stable, Monitoring BMP's
	1	Sta. 29+50 Slope	LT	7/20/2011	T= 9-01-11	16	S	Currently stable.
		Sta. 13+40 - Sta. 107+75	LT, RT or CL	9/22/2011		30	FM	Haul roads dampened frequently for dust control, until further notice.
	2	76+50 - 103+46	RT	9/22/2011		15,16,35	FM	Hydro-seed did not take re-prep, re-dress slopes, remove sediment and re-seed.
	2	92+50 - 107+00	LT	9/22/2011		15,16,35	FM	Hydro-seed did not take re-prep, re-dress slopes, remove sediment and re-seed.
	1	6+75	LT	9/22/2011		19,22	FM	Daily cleaning will be required, until further notice.
	1	25+00	RT	9/6/2011	T = 8-18-11	35,41	I, RO	Re-dress grade and re-install wattles.
	1	27+00	RT	8/29/2011	T= 9-01-11	16	S	Currently stable, Monitoring BMP's
	1	34+00	RT	8/25/2011	T= 8-25-11	16	S	Currently stable, Monitoring BMP's

EROSION AND SEDIMENT CONTROL MEASURE CODES

Temporary Silt Fence / Filter Barrier 1 Temporary Seeding with Mulch Excess Dirt Removed from Rdwy. Daily Maintenance Temporary Diversion Berm or Ditch 2 Temporary Mulch 30 Haul Roads Dampened for Dust Control Upgrade Needed (Failure Noled) Temporary Slope Drain 3 17 Erosion Control Blanket 31 Ditch Liner Replacement Needed Rock Check Dams 18 Flexible Channel Liner 32 Rock Silt Screen FM Future Maintenance 5 Brush Barrier 19 Catch Basin / Storm Inlet Protection 33 Temporary Silt Fence with Backing С Cleaning Needed 6 Sediment Removal 20 Riprap Outlet Structure 34 **Enhanced Silt Fence** Increase Measures 7 Straw Bale Check 21 Riprap Energy / Velocity Dissipater 35 Sediment Tube W Too Wet to Work Conditions Sand Bags 8 22 Curb, Gutter, or Storm Sewer Protection 36 Sediment Dam Repeat Occurrence Sediment Trap / Basin 9 23 Temporary at Construction Exit / Entrance 37 Concrete Washout, other pollution Issues Sediment Release 10 Temp Sediment Filter Bag / Dewatering 24 Temporary Stream Crossing 38 Berm (soil, riprap, rock) FS Final Stabilized 11 Polyethylene Sheeting 25 Turbidity Barrier / Silt Boom 39 Gabion S Stable (No Action Needed) 12 Machined Rip Rap 26 Temporary Stream Diversion 40 Sheet Pilling Other (O31): Geotextile 13 27 Preserve Natural Resource / Buffer Zone 41 Haul Road Other (O#2): 14 Permanent Seeding with Mulch or Sod Mineral Aggregate Base on Subgrade **Bridge Construction** Other (O#3):

EPSC Inspection

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State/US Route or Road Name:	Wolf River Blvd.	TDOT Construction No.:	79954-3537-54	TDOT Contract No.:	
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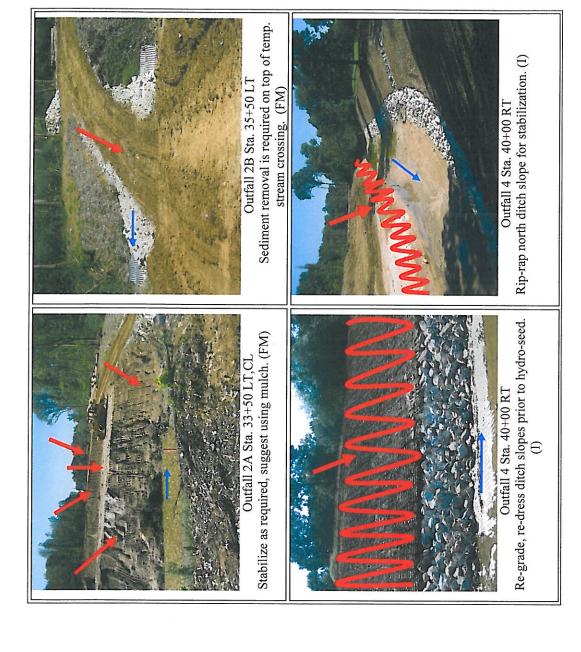
Date _____9/26/2011

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Outfall Name	Rain	Approx.	LT, RT or	Date Last	Date of Stabilization	Existing EPSC	Current	
or Station No.	Gage	Station No.	Centerline	Disturbed	and Code	Control	Condition	Corrective Action(s) or Comments
	No.	From / To			T = Temp.	Measure	Codes*	- T-
					P = Perm.	Codes*		
49550 35541		410 MAI 9894	1000000	N-918				Hydro-Seed roadway slopes. Refer to last
	1	21+33 - 26+00	LT	9/22/2011		16,35,41	I,RO	EPSC report 9.22.11 photo
								Hydro-Seed roadway slopes. Refer to last
	1	21+33 - 26+00	RT	9/22/2011		16,35,41	I,RO	EPSC report 9.22.11 photo
								SFB needed around 18" storm drain pipe.
	1	25+00	LT	9/22/2011		16,35,41	I,RO	Refer to last EPSC report 9.22.11 photo
16								SFB needed around 18" storm drain pipe.
3	1	25+00	RT	9/22/2011		16, 35,41	I,RO	Refer to last EPSC report 9.22.11 photo
								Sediment removal at filter socks and install
	1	27+50	RT	9/22/2011		16,35,41	I,RO	two wattles. Refer to last EPSC report
								Sediment removal at filter socks. Refer to last
É	1	31+90	RT	9/22/2011		16,35	I,RO ,	EPSC report 9.22.11 photo
	ا ت	45.00	DT	0/45/0044		10.05		
		15+60	RT	9/15/2011		16,35	I I	Stabilization required. See Photo
+ 400.07		North side of		-1				Daily cleaning will be required, until further
* 108+37		WRB	LT	9/22/2011		19,22	FM	notice.
								SFB is required at toe of roadway slope.
	1	23+00 - 26+00	RT	9/22/2011		41	I,RO	Refer to last EPSC report 9.22.11 photo
							V 467470E3 E077	

EROSION AND SEDIMENT CONTROL MEASURE CODES

Temporary Silt Fence / Filter Barrier Temporary Seeding with Mulch Excess Dirt Removed from Rdwy. Daily M Maintenance 2 Temporary Diversion Berm or Ditch Temporary Mulch 30 Haul Roads Dampened for Dust Control U Upgrade Needed (Failure Noted) 3 Temporary Slope Drain 17 Erosion Control Blanket Ditch Liner R Replacement Needed Rock Check Dams 18 Flexible Channel Liner 32 Rock Silt Screen FM Future Maintenance Brush Barrier 5 19 Catch Basin / Storm Inlet Protection Temporary Silt Fence with Backing C Cleaning Needed Sediment Removal 6 20 Riprap Outlet Structure Enhanced Silt Fence Increase Measures Straw Bale Check 7 21 Riprap Energy / Velocity Dissipater Sediment Tube W Too Wet to Work Conditions 8 Sand Bags 22 Curb, Gutter, or Storm Sewer Protection Repeat Occurrence Sediment Dam RO 9 Sediment Trap / Basin Temporary at Construction Exit / Entrance Concrete Washout, other pollution Issues SR Sediment Release Temp Sediment Filter Bag / Dewatering 10 24 Temporary Stream Crossing Berm (soil, riprap, rock) FS Final Stabilized Polyethylene Sheeting 25 Turbidity Barrier / Silt Boom 11 39 Gabion S Stable (No Action Needed) 12 Machined Rip Rap 26 Temporary Stream Diversion 40 Sheet Pilling Other (O31): 13 Geotextile 27 Preserve Natural Resource / Buffer Zone 41 Haul Road Other (O#2): 14 Permanent Seeding with Mulch or Sod 28 Mineral Aggregate Base on Sub grade 42 Other (O#3):

CONDITION CODES





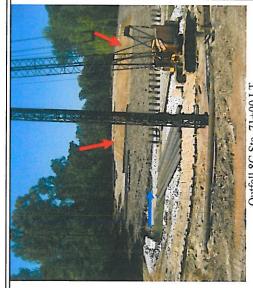
City of Germantown 1920 S. Germantown Road Germantown, TN 38138



Outfall 4 Sta. 40+00 RT Continue proposed rip-rap for stabilization. (I)



Outfall 8A Sta. 73+00 RT Sediment removal on top of temp. stream crossing. (FM)



Outfall 8C Sta. 71+00 LT
Additional mulch is required to stabilize abutment 1.
(FM)



Outfall 8D Sta. 75+50 LT
Additional mulch is required to stabilize abutment 2 and related slopes. (P.Y. I.RO)



City of Germantown 1920 S. Germantown Road Germantown, TN 38138